

What Is Claimed Is:

1. A manual input device comprising:
 - an actuator laterally movably fitted to a frame;
 - a manual control knob fitted to a driving shaft of the actuator;
 - a first position sensor which detects a direction and an amount of lateral movement of the actuator;
 - a second position sensor which detects a direction and an amount of rotation of the driving shaft of the actuator; and
 - a controller which inputs positional signals outputted from the first and second position sensors to control the actuator and applies an external force to the manual control knob according to the way the knob is manipulated.
2. The manual input device according to Claim 1, wherein the actuator is a rotating motor.